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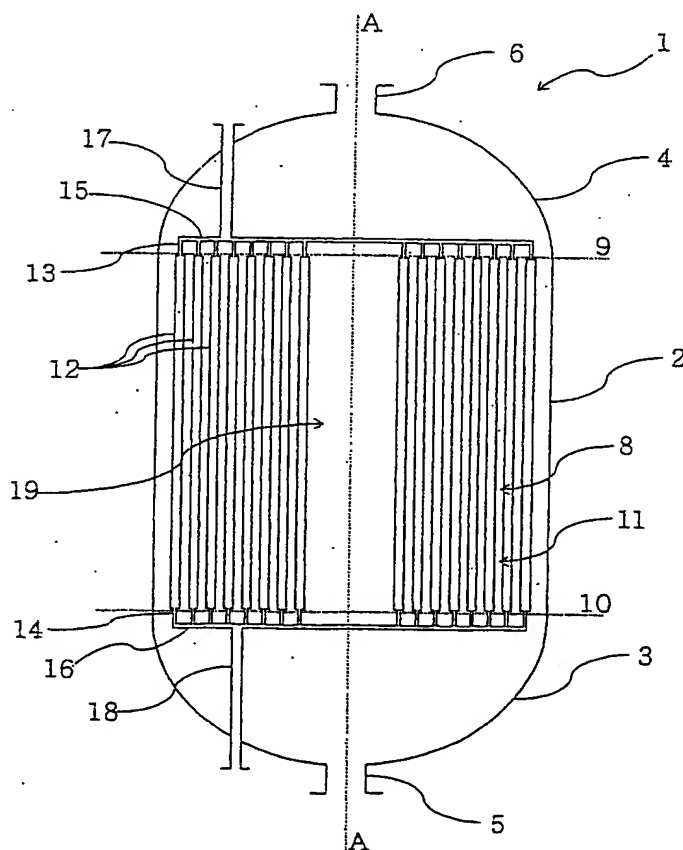
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(54) Title: PSEUDO-ISOTHERMAL CATALYTIC REACTOR



(57) Abstract: Pseudo- isothermal chemical reactor
(1) for catalytic reactions with a vertical axis,
comprising a substantially cylindrical shell (2), Closed
at the opposite ends by upper (4) and lower (3)
bottoms respectively, a reaction zone (8) in which
a catalytic bed (11) and a plurality of flat, boxed,
plate-shaped heat exchangers (12), having the shape
of a parallelepiped and having long sides parallel
to said vertical axis and short sides perpendicular
to it, situated in said reaction zone and supported in
an arrangement on parallel cords at a predetermined
distance.

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